

Litig 1922

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800
 Rev. 11/20/00 This is an experimental format - Please give suggestions or comments to Jeff Harrison, CP4-9C18, 306-5429.

Date 4/16/01 Serial # 08/986327 Case Priority Date _____

Your Name ADOLF BERTHANE Examiner # 69748

AU 2834 Phone 30 9-3299 Room 10D05 J4-18-01 A09:02 IN

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need:

The EIC searcher normally will contact you before beginning a prior art search. Would you like to sit with the EIC searcher in a mediated interactive search? Yes / No _____

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements.

US 5473526

08/231637

What types of references would you like? Please checkmark:

Primary Refs _____ Nonpatent Literature _____ Other _____

Secondary Refs _____ Foreign Patents _____

Teaching Refs _____

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, elected species, structures, synonyms, keywords, acronyms, registry numbers, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Litigation search for Reissue application 08/986327
and patent # 5473526

STAFF USE ONLY

Searcher Jeff HARRISON
 Searcher Phone 306-5429
 Searcher Location CP4-9C18
 Date Searcher Picked Up 4-19-01
 Date Completed 4-19-01
 Searcher Prep/Rev Time 20
 Online Time 15

Type of Search

Structure (S)
 Bibliographic
 Litigation
 Fulltext
 Patent Family
 Other

Vendors

STN
 Dialog
 Questia/Optic
 Lexis-Nexis
 WWW/Internet
 Other

4/19/01

Examiner Berhane,

Re: 08/986,327 US 5,473,526

Attached are search results.

No litigation was found in searches of Dialog, Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Jeff Harrison *Jeff*
STIC-EIC2800
306-5429
CP4-9C18

Source: [All Sources](#) : [Area of Law - By Topic](#) : [Patent Law](#) : [Patents](#) : [U.S. Patents](#) : [Utility Patents](#) 

Terms: [patno is 5,473,526](#) ([Edit Search](#))

Pat. No. 5,473,526, *

5,473,526

♦ [GET 1st DRAWING SHEET OF 4](#)

Dec. 5, 1995

System and method for power-efficient charging and discharging of a capacitive load from a single source

REISSUE: Reissue Application filed Jan. 1, 2001 (O.G. Mar. 6, 2001) Ex. Gp.: 2838; Re. S.N. 09/758,631

Reissue Application filed Dec. 5, 1997 (O.G. Sep. 22, 1998) Ex. Gp.: 2838; Re. S.N. 08/986,327

INVENTOR: Svensson, Lars, Santa Monica, California
Athas, William C., Redondo Beach, California
Koller, Jeffrey G., Torrance, California

ASSIGNEE-AT-ISSUE: University of Southern California, Los Angeles, California (02)

APPL-NO: 231,637

FILED: Apr. 22, 1994

CERTCORR: Jul. 9, 1996 a Certificate of Correction was issued for this Patent

INT-CL: [6] H02M 3#07

US-CL: 363#60; 307#109;

CL: 363;307;

SEARCH-FLD: 307#109, 110; 363#60, 59, 61

REF-CITED:

U. S. PATENT DOCUMENTS

3,603,898	9/1971	*	Dawson	328#167
5,095,223	3/1992	*	Thomas	307#110
5,339,236	8/1994	*	Tamagawa	363#59

PRIM-EXMR: Wong, Peter S.

ASST-EXMR: Krishnan, Aditya

LEGAL-REP: Benman, Collins & Sawyer

CORE TERMS: switch, load, voltage, capacitive, dissipation, capacitor, tank, capacitance, selectively, charging, equation, connecting, terminal, driver, cycle, energy, plural, power supply, discharging, resistance, teachings, input, rho, battery, simplified, activating, switching, gradually, opened, charge-discharge

DIALOG INFORMATION SERVICES
PLEASE LOGON:

19apr01 09:47:12 User259284 Session D1105.2

File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200114
(c) 2001 EPO

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
(c) 2001 EPO. All rts. reserv.

12762185

Basic Patent (No,Kind,Date): US 5473526 A 19951205 <No. of Patents: 001>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
US 5473526	A	19951205	US 231637	A	19940422 (BASIC)

Priority Data (No,Kind,Date):

US 231637 A	19940422
-------------	----------

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5473526 A 19951205

SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND DISCHARGING OF A CAPACITIVE LOAD FROM A SINGLE SOURCE (English)

Patent Assignee: UNIV SOUTHERN CALIFORNIA (US)

Author (Inventor): SVENSSON LARS (US); ATHAS WILLIAM C (US); KOLLER JEFFREY G (US)

Priority (No,Kind,Date): US 231637 A 19940422

Applic (No,Kind,Date): US 231637 A 19940422

National Class: * 363060000; 307109000

IPC: * H02M-003/07

Derwent WPI Acc No: * G 96-030065; G 96-030065

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5473526	P	19940422	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
			US 231637 A	19940422

US 5473526	P	19940617	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
------------	---	----------	---------	-----------------------------------

UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089 ; SVENSSON, LARS : 19940520; ATHAS, WILLIAM C. : 19940520; KOLLER, JEFFREY G. : 19940520

US 5473526	P	19951205	US A	PATENT
------------	---	----------	------	--------

US 5473526	P	19960709	US CC	CERTIFICATE OF CORRECTION
------------	---	----------	-------	---------------------------

US 5473526	P	19980922	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)

971205

US 5473526	P	20010306	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)

20010101

? logoff

(C) QUESTEL 1994
QUESTEL.ORBIT (TM) 1998
Last connection: 16/04/01 20*48*25

19/04/01 16*27*37

WELCOME to QUESTEL.ORBIT-Your Guide to INTELLECTUAL PROPERTY
www.questel.orbit - Gateway, documentation & IP resource
- Derwent increases frequency of updates, see INFO NEWS-DWPI
- Intl Patent Database - * PlusPat * - see INFO NEW-PLUSPAT
- KWIC Display Feature is now available - see INFO KWIC
- Monthly SDIs available for select files - see INFO SDI
- USPAT record formats & prices revised - see INFO NEW-USPAT
- NEW AvantiIQ(R) service : MXMARK and USSTMARK databases
- File USAPPS, US Patent Applications full text: INFO USAPPS
- Merged Family Record Displays in PlusPat * - see INFO MFAM
.FILE / ..INFO / ..GUIDE

Patent family search results

US5473526/PN Results : 1

PATENT FAMILY

#	Patent No.	Kind	Date	Applic.No.	Kind	Date
1)	US5473526	A	19951205	1994US-0231637	A	
	19940422					

Priority :

1994US-0231637	A	19940422
----------------	---	----------

1/1 CRXX - (C) CLAIMS/RRX

Accession Number :

2669778

Patent Number :

5,473,526 A 19951205 [US5473526]

Patent Assignee :

Southern California, University of

Patent Type :

E (Electrical)

Actions :

19971205 REISSUE REQUESTED

ISSUE DATE OF O.G.: 19980922

REISSUE REQUEST NUMBER: 08/986327

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2838

Reissue Patent Number:

20010101 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010306

REISSUE REQUEST NUMBER: 09/758631

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2838

Reissue Patent Number:

Update Code :

1999-00

IFI Update Other :

2001-03-06

1/1 LGST - (C) LEGSTAT

Patent Number :

US 5473526 [US5473526]

Application Number :

US 231637/94 19940422 [1994US-0231637]

Document Type :

US-P

Action Taken :

19940422 US/AE-A

APPLICATION DATA (PATENT)

{US 231637/94 19940422 [1994US-0231637]}

19940617 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089

* SVENSSON, LARS : 19940520; ATHAS, WILLIAM C. : 19940520; KOLLER,
JEFFREY G. : 19940520

19951205 US/A

PATENT

19960709 US/CC

CERTIFICATE OF CORRECTION

19980922 US/RF

REISSUE APPLICATION FILED

971205

20010306 US/RF

REISSUE APPLICATION FILED

20010101

Update Code :

2001-10

Selected file: PAST

You are now connected to PAST, (c) Derwent Information Ltd
Covers 1973 thru weekly update (2001-15)
Information on technical content of this file, see INFO PAST

r.

Search statement 1

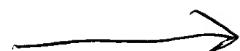
Query/Command : nbr /pn 5473526

1 1 5473518
2 1 5473520
3 1 5473521
4 1 5473525
5 3 5473526
6 2 5473530
7 1 5473532
8 1 5473534
9 1 5473537
10 1 5473540
11 2 5473547
12 1 5473552
13 1 5473556
14 1 5473557
15 1 5473578

Some: numbers / Continue: Y / None: N

Query/Command : 5

** SS 1: Results 3
Continue: Y / N



Query/Command : PRT SS 1 MAX 1-3 LEGAL %PSET%

1/3 PAST - (C) PAST
Accession Number :
200110-000902
Patent Number :
5473526 A [US5473526]
Document Type :
A (UTILITY)
Official Gazette Date :
2001-03-06
Code :
REA
Actions :
REISSUE APPLICATION FILED
Subject Heading :
REISSUE APPLICATION FILED

2/3 PAST - (C) PAST
Accession Number :
199838-001282
Patent Number :
5473526 A [US5473526]
Document Type :
A (UTILITY)
Official Gazette Date :
1998-09-22
Code :
REA
Actions :
REISSUE APPLICATION FILED
Subject Heading :
REISSUE APPLICATION FILED

3/3 PAST - (C) PAST
Accession Number :
199628-001248
Patent Number :
5473526 A [US5473526]
Document Type :
A (UTILITY)
Official Gazette Date :
1996-07-09
Code :
COR
Actions :
CERTIFICATE OF CORRECTION
Subject Heading :
CERTIFICATE OF CORRECTION

Selected file: LITA

You are now connected to LitAlert, (c) Derwent Information Ltd
Covers 1970 thru weekly update (2001-15)
For technical content information : see INFO LITA

Search statement 1

Query/Command : nbr /pn 5473526

1	4	5472256
2	1	5472449
3	2	5472618
4	1	5472625
5	1	5473485
6	1	5473822
7	2	5473997
8	1	5474073
9	2	5474142
10	1	5474216
11	2	5474239
12	1	5474383
13	2	5474496
14	1	5474523
15	1	5474978

Patent Number
not found
in
LitAlert
Database

Some: numbers / Continue: Y / None: N

Query/Command : n

No Documents Found

No documents were found for your search (**5473526 or 5,473,526**).
Please edit your search and try again. You may want to try one or
more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms.
- If applicable, look for all dates.

[Edit Search](#)

[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

[Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.](#)

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search | Search Advisor | Get a Document | Check a Citation | ECLIPSE™ | History

Sources

All Sources : News : News Group File, All 

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526

Search

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

 [Suggest Words and Concepts for Entered Terms](#)

 [Restrict Search Using Document Segments](#)

Optional: Restrict by Date

No Date Restrictions From To

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)
[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search | Search Advisor | Get a Document | Check a Citation | ECLIPSE™ | History

Sources

All Sources : Combined Federal & State Case Law - U.S. : Federal and State Caselaw 

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526

 **Search**

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

 [Suggest Words and Concepts for Entered Terms](#)

 [Restrict Search Using Document Segments](#)

Optional: Restrict by Date

No Date Restrictions  From To

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)
[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search | Search Advisor | Get a Document | Check a Citation | ECLIPSE™ | History

Sources

All Sources : Area of Law - By Topic : Patent Law : Law Reviews & Journals : Intellectual Property Law

Review Articles 

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526

 **Search**

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

 [Suggest Words and Concepts for Entered Terms](#)

 [Restrict Search Using Document Segments](#)

Optional: Restrict by Date

No Date Restrictions From _____ To _____

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)
[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search | Search Advisor | Get a Document | Check a Citation | ECLIPSE™ | History

Sources

All Sources : Area of Law - By Topic : Patent Law : Law Reviews & Journals : Harvard Journal of Law & Technology

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526

Search

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

[Suggest Words and Concepts for Entered Terms](#)

[Restrict Search Using Document Segments](#)

Optional: Restrict by Date

No Date Restrictions From _____ To _____

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)
[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search | Search Advisor | Get a Document | Check a Citation | ECLIPSE™ | History

Sources

All Sources : Area of Law - By Topic : Patent Law : Law Reviews & Journals : Journal of Law and Technology

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

Suggest Words and Concepts for Entered Terms

Restrict Search Using Document Segments

Optional: Restrict by Date

No Date Restrictions From _____ To _____

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)
[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.

lexis.com™

Practice Pages | Change Client | Options | Feedback | Sign Off | Help

Search **Search Advisor** ▶ **Get a Document** ▶ **Check a Citation** ▶ **ECLIPSE™** **History**

Sources

All Sources : Area of Law - By Topic : Patent Law : Legal News : Patent, Trademark & Copyright Periodicals Combined **i**

Enter Search Terms

Terms and Connectors Natural Language

5473526 or 5,473,526   

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

+ Suggest Words and Concepts for Entered Terms

+ Restrict Search Using Document Segments

Optional: Restrict by Date

No Date Restrictions  From _____ To _____

[Search](#) | [Search Advisor](#) | [Get a Document](#) | [Check a Citation](#)

[ECLIPSE\(TM\)](#) | [History](#) | [Practice Pages](#) | [Change Client](#) | [Options](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LEXIS-NEXIS](#) | [Terms and Conditions](#)

Copyright © 2001 LEXIS-NEXIS Group. All rights reserved.